



COPY OF PAPERS  
ORIGINALLY FILED

PATENT APPLICATION  
Serial No. 10/032,803  
Atty. Docket No. 28-011564

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
  
Harry P. FINKE et al. : **BURNER FOR NON-SYMMETRICAL  
COMBUSTION AND METHOD**  
  
Serial No. 10/032,803 :  
  
Filed August 29, 2001 :  
  
Pittsburgh, Pennsylvania  
August 21, 2002

**SUBMISSION OF MISSING PARTS OF APPLICATION**

Box Missing Parts  
Commissioner of Patents  
Washington, D.C. 20231

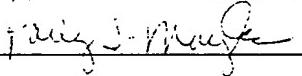
Sir:

In response to the "Notice to File Missing Parts of Nonprovisional Application", mailed January 22, 2002, attached hereto are the following documents for filing in the subject application:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on August 21, 2002.

Polly J. Moyles

(Name of Person Mailing Papers)

 8/21/02

Signature

Date

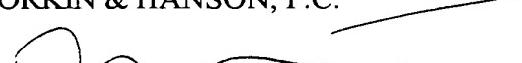
- 1) a check in the amount of \$1,180.00 to cover the required filing fee of \$740.00, an additional claim fee of \$180.00, a Declaration surcharge of \$130.00, and filing fee of \$130.00 for Statement Of Facts In Support Of Filing On Behalf Of Non-Signing Inventor (37 CFR § 1.47), a check in the amount of \$1,960.00 for Petition for Extension of Time;
- 2) an executed Declaration and Power of Attorney;
- 3) a Patent Application Transmittal Letter for purposes of calculating the fees;
- 4) the required copy of the above-mentioned "Notice" to be returned with response;
- 5) a Petition for Extension of Time for a response, and
- 6) a Statement Of Facts In Support Of Filing On Behalf Of Non-Signing Inventor (37 CFR § 1.47).

The Commissioner is hereby authorized to charge any additional fees as set forth in 37 CFR §§1.16 and 1.17 which may be required to Deposit Account No. 23-0650. Please refund any overpayment to Deposit Account No. 23-0650. The original and two copies of this submission are enclosed.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON  
ORKIN & HANSON, P.C.

By \_\_\_\_\_

  
John W. McIlvaine  
Registration No. 34,219  
Attorney for Applicants  
700 Koppers Building  
436 Seventh Avenue  
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COMMISSIONER  
ORIGINALLY FILED

Attorney's Docket No. 28-011564

MPA

## PATENT APPLICATION TRANSMITTAL LETTER

Commissioner for Patents  
Washington, D.C. 20231

Transmitted herewith for filing is the patent application of: Harry P. FINKE, et al.

Entitled: "Burner For Non-Symmetrical Combustion and Method"

- Enclosed are:
- Request for Petition for Extension of Time  
 Declaration and Power of Attorney  
 Submission Of Missing Parts Of Application  
 Petition In Support Of Filing On Behalf Of Non-Signing Inventor (37 CFR § 1.47)  
 Other: Copy of Notice To File Missing Parts Of Non-Provisional Application

RECEIVED  
SEP 24 2002

OFFICE OF PETITIONS

### CLAIMS AS FILED

No. Filed	No. Extra	Small Entity Rate	Non-Small Entity Rate	Charge
Total				
Claims	30 -20 = 10	x \$ 9.00	x \$ 18.00	\$180.00
Indep.				
Claims	3 -3 = -0-	x \$ 42.00	x \$ 84.00	\$_____
Multiple Dependent Claim/s		+ \$140.00	+ \$ 280.00	\$_____
Basic Fee		+ \$370.00	+ \$ 740.00	\$740.00
Declaration surcharge			+ \$ 130.00	\$130.00
			Total of above Charges	\$1,050.00
			Total Fee	\$1,050.00

A check in the amount of \$1,180.00 is enclosed to cover the filing fee and additional claims \$180.00, Declaration surcharge of \$130.00, and \$130.00 filing fee for Statement Of Facts In Support Of Filing On Behalf Of Non-Signing Inventor. An additional check in the amount of \$1,960.00 for Petition for Extension of Time is enclosed.

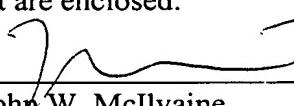
The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16 or patent application processing fees under 37 CFR 1.17 associated with this communication to Deposit Account No. 23-0650. Please refund any overpayment to Deposit Account No. 23-0650.

An original and two copies of this sheet are enclosed.

August 21, 2002

Date

By

  
John W. McIlvaine

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on August 21, 2002.

Polly J. Moyles  
(Typed Name of Person Mailing Paper)

Signature

8/21/02  
Date



01 PJA 88-02 TUE 03:10 PM BLOOM ENGINEERING

FAX NO. 412 653 2253

P. 06

## Bloom Engineering Company, Inc.

TO:

- 1.) Martin McGhee
- 2.) Harry Finke

Date: January 16, 2002

COPY SENT BY FAX  
OR EMAIL ATTACHED

Gentlemen:

The attached patent application is a 'continuation-in-part' application on the Cyclops design, wherein we have added claims covering the addition of oxygen enrichment of the second-stage (ie, slot) combustion air. Sample data is included illustrating the region in which 'ultra low NOx' is maintained even with up to 30% O<sub>2</sub> in the combustion air mixture.

As this represents additional claims to the original Cyclops patent application, we are requesting your signatures on the attached assignments and declarations pages.

Copies of the documents are enclosed for your records.

Thank you for your assistance in this matter.

Best Regards,

Dave Schalles

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AUG 28 2002



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/032,803	12/28/2001	Harry P. Finke	0028-011564

John W. McIlvaine  
 Webb Ziesenhein Logsdon Orkin & Hanson  
 700 Koppers Building  
 436 Seventh Avenue  
 Pittsburgh, PA 15219

CONFIRMATION NO. 7934

RECEIVED	FORMALITIES LETTER
WEBB, ZIESENHEIM, LOGSDON ORKIN, & HANSON PC	*OC000000007335907*
JAN 28 2002	

Date Mailed: 01/22/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/29/2002 MBIZUNES 00000046 10032803

FILED UNDER 37 CFR 1.53(b)

01 FC:101	740.00 OP
02 FC:105	130.00 OP
03 FC:103	180.00 OP

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$180.
  - \$180 for 10 total claims over 20.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1050.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE